

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

12-1101

09/07/87 878104
U.S. PTO
06/08/01

APPLICANT: Kevin W. Kobayashi

FILING DATE: Herewith

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
KN	4	1	2	1	0	5	5	10/17/78	Doherty			
KN	4	7	3	9	3	0	7	4/19/88	Marcovici et al.			
KN	5	0	1	2	2	0	0	4/30/91	Meinzer			
KN	5	0	1	7	8	8	8	5/21/91	Meinzer			
EN	5	1	6	2	2	4	3	11/10/92	Streit et al.			
EN	5	2	6	2	3	3	5	11/16/93	Streit et al.			
KN	5	3	5	2	9	1	1	10/4/94	Grossman			
KN	5	4	2	0	5	4	1	5/30/95	Upton et al.			
KN	5	4	4	8	0	8	7	9/5/95	Streit et al.			
KN	5	5	3	4	8	2	0	7/9/96	Tupper et al.			
KN	5	5	6	8	0	8	6	10/22/96	Schuss et al.			
KN	5	6	3	1	4	7	7	5/20/97	Streit et al.			
KN	5	6	4	8	6	6	6	7/15/97	Tran et al.			
KN	5	6	7	2	5	2	2	9/30/97	Streit et al.			
KN	5	7	3	4	5	9	6	3/31/98	Medelius et al.			
KN	5	7	3	6	4	1	7	4/7/98	Oki et al.			
KN	5	7	3	9	7	2	3	4/14/98	Sigmon et al.			
KN	5	8	0	4	4	8	7	9/8/98	Lammert			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
					YES	NO	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

KN		McMorrow, et al., "The Microwave Doherty Amplifier," IEEE MTT-S Digest, 1994, pages 1653-1656
KN		Campbell, "A Fully Integrated Ku-Band Doherty Amplifier MMIC," IEEE Microwave and Guided Wave Letters, pages 114-116, Vol. 9, No. 3, March 1999

EXAMINER DATE CONSIDERED

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE								TRW DOCKET NO. 12-1101	SERIAL NO. 1986/878104 15/18/01			
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)								APPLICANT: Kevin W. Kobayashi				
								FILING DATE: Herewith	GROUP:			
U.S. PATENT DOCUMENTS												
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
KN		5	8	8	0	6	3	3	3/9/99	Leizerovich et al.		
KN		5	7	8	6	7	2	7	7/28/98	Sigmon		
KN		5	8	7	4	9	2	1	2/23/99	Doherty et al.		
KN		5	8	8	6	5	7	5	3/23/99	Long		
KN		5	9	9	4	1	9	4	11/30/99	Lammert		
KN		6	0	0	8	6	9	4	12/28/99	El-Sharawy		
KN		6	0	9	7	2	5	2	8/1/00	Sigmon et al.		
KN		6	1	3	3	7	8	8	10/17/00	Dent		
FOREIGN PATENT DOCUMENTS												
		DOCUMENT NUMBER						DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
												YES
												NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)												
KN		Yang, et al. "High Linearity K-Band InP HBT Power Amplifier MMIC with 62.8%PAE at 21 GHz," pages 73-76, GaAs IC Symp. Dig., Monterey, CA 1999										
		Asbeck, et al. "Improved Transceiver Architectures and Circuits for CMOS Radio Frequency Applications," Final Report 1998-99 for MICRO Project 98-073, Hughes Electronics and Rockwell International										
EXAMINER	Neupenka								DATE CONSIDERED	07/17/02		
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